



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D212-580-041
Job Sheet 199827



Part No: D212-580-041

Job Qty: 5 pcs

Part Name: Dual Cargo Mirror Installation



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/3/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 9/16/19

Description: ORDER 19194

Type: SOLD

Note: DWG IIN-D212-580-1 REV B SHEET 10, D2161 REV B2 IPP Rev:H Removed D2013-3/4 06-03-22 JLM IPP
REV:I AS PER ECN10-611 10-09-07 JLM VERIFIED BY:DD IPP rev:J 10.11.22 AS PER ECN10-642 DD
VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
160	Packaging 1 - Pklt Klt	5 pcs ✓		9/16/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S217360



Part: D212-580-041

Job No: 199827

Serial No/Batch: S217360

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH92-16 Issue 1 FAA STC SH975NE

170 QC 4	5 pcs	9/16/19	0.00 0.00	Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	
				180 Packaging 3-1 - Stock - B4B	5 pcs
Packaging 3 - 2 - B4B					
Packaging 3 - 3 - B4B					
Packaging 3 - 4 - B4B					
Packaging 3 - 5 - B4B					
Packaging 3 - 6 - B4B					
Packaging 3 - 7 - B4B					
Packaging 3 - 8 - B4B					
Packaging 3 - 9 - B4B					
Packaging 3 - 10 - B4B					
Packaging 3 - 11 - B4B					
Packaging 3 - 12 - B4B					
Packaging 3 - 13 - B4B					
Packaging 3 - 14 - B4B					
Packaging 3 - 15 - B4B					
Packaging 3 - 16 - B4B					
Packaging 3 - 17 - B4B					
Packaging 3 - 18 - B4B					
Packaging 3 - 19 - B4B					
Packaging 3 - 20 - B4B					
Packaging 3 - 21 - B4B					
Packaging 3 - 22 - B4B					
Packaging 3 - 23 - B4B					
Packaging 3 - 24 - B4B					
Packaging 3 - 25 - B4B					
Packaging 3 - 26 - B4B					
Packaging 3 - 27 - B4B					
Packaging 3 - 28 - B4B					
Packaging 3 - 29 - B4B					
Packaging 3 - 30 - B4B					
Packaging 3 - 31 - B4B					
Packaging 3 - 32 - B4B					
Packaging 3 - 33 - B4B					
Packaging 3 - 34 - B4B					
Packaging 3 - 35 - B4B					
Packaging 3 - 36 - B4B					
185 DC - 1 - B4B	5 pcs	9/16/19	0.00 0.00	DC - 1 - B4B	DAS 21 SEP 26 2019
				DC - 2 - B4B	9-59
190 QC 21 - FG	5 pcs	9/16/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	DAS 21 SEP 26 2019
				QC 21 - SA - 53	9-59
Part Op 160 - (Pick Kit)					
Descriptions: 170 - (QC4- 100% Inspect kits for completeness)					
180 - (Identify as per dwg & Stock Location: _____) Identify and pack for shipping as per PPP D212-580-041					
Plex 9/3/19 10:28 AM Dart.lajeunesse.marie					

9/3/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

185 - (Document Control) Photocopy bluefile and create labels as per PPP D212-580-041 CHG004
 190 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D2161-212	Mirror Bracket, 212	5 pcs (1 ea)	160-Packaging 1 - Pick Kit	5209480X1
D3439-101	Mirror Assembly 8"	10 pcs (2 ea)	160-Packaging 1 - Pick Kit	5123535X1
D4164-041	Nut Plate Adapter Assembly	20 pcs (4 ea)	160-Packaging 1 - Pick Kit	5190335X3
MS20426AD3-4	Rivet	40 Ea (8 ea)	160-Packaging 1 - Pick Kit	5189477X18
MS27039-1-08	Screw	20 Ea (4 ea)	160-Packaging 1 - Pick Kit	M136444
				5167111
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
160-Packaging 1 - Pick Kit	D2161-212	5	1	0
	D3439-101	10	18	0
	D4164-041	20	17	0
	MS20426AD3-4	40	2,113	0
	MS27039-1-08	20	417	0
Part Specifications				
Specifications could not be found.				

Plex 9/3/19 10:28 AM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Cross tube ☐ ☐ ☐ Eng. (Non-AW) Small Fab ☐ ☐ ☐ Prod. Eng. Coord. Finishing ☐ ☐ ☐ Rec/Store/Packaging		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐					
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QSI042) _____					
Description Work Order Deviation				Disposition							
Completed By				Lead hand / Supervisor							
								QC / QA Coordinator			
Root Cause				FAULT CATEGORY							
Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐			
Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____				Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐							

4.0 PARTS LIST

Qty 562 -041	Qty 563 -041	Qty 580 -041	Part Number	Description
X			D204-562-041	DUAL MIRROR INSTALLATION
	X		D205-563-041	DUAL MIRROR INSTALLATION
		X	D212-580-041	DUAL MIRROR INSTALLATION
2	2	2	D3439-101	MIRROR (WAS D2011-103)
1			D2161-204	MIRROR BRACKET
	1		D2161-205	MIRROR BRACKET
		1	D2161-212	MIRROR BRACKET
*2	*2	*2	D3015-3	LOCKNUT
*2	*2	*2	AN960JD516	WASHER
		8	MS20426AD3-4	RIVET, COUNTERSUNK
		4	D4164-041	NUT PLATE ASSEMBLY
	4	4	MS27039-1-08	SCREW

* PARTS ARE INCLUDED WITH D3439-101 MIRROR

© COPYRIGHT © 2010 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: B

Date: 12.06.13